

CLAIMS

What is claimed is:

1 1. A purchasing system, the purchasing system buying consumer
2 items from a communications network business through a communications
3 network based on purchasing information gathered from a user environment
4 in accordance with parameters provided by a user, comprising:

5 (a) a monitoring unit linked with the user environment, the
6 monitoring unit obtaining purchasing information from the user environment
7 in accordance with parameters provided by a user; and

8 (b) a purchasing unit linked with the monitoring unit, the
9 purchasing unit generating a consumer item order by assessing the
10 purchasing information.

1 2. The purchasing system according to claim 1 wherein the user
2 environment includes:

3 (a) a network plugin device;

4 (b) a peripheral device; and

5 (c) a database device.

1 3. The purchasing system according to claim 1 further comprising
2 a trader unit linked with the purchasing unit and with the communications
3 network, the trader unit for selecting a communications network business for
4 the consumer item order.

1 4. The purchasing system according to claim 2 wherein the
2 monitoring unit includes:

3 (a) an order collection system for sensing a consumer item demand
4 signal from the user environment; and

5 (b) an intelligent monitoring agent linked with the order collection
6 system and with the purchasing unit for generating purchasing information
7 from the consumer item demand signal.

1 5. The purchasing system according to claim 4 wherein the
2 monitoring unit further includes an inventory collection system linked with
3 the intelligent monitoring agent for sensing a consumer item stock signal
4 from the user environment.

1 6. The purchasing system according to claim 5 wherein the
2 purchasing unit includes an intelligent purchasing agent linked with the
3 intelligent monitoring agent and with the trader unit for assessing the
4 purchasing information.

1 7. The purchasing system according to claim 6 wherein the
2 intelligent purchasing agent accesses purchasing information from the
3 inventory collection system to determine whether a consumer item is in the
4 user environment.

1 8. The purchasing system according to claim 6 wherein the
2 intelligent purchasing agent accesses purchasing information from the order
3 collection system.

1 9. The purchasing system according to claim 6 wherein the
2 intelligent purchasing agent generates a consumer item order.

1 10. The purchasing system according to claim 9 wherein the trader
2 unit receives the consumer item order from the purchasing unit.

1 11. The purchasing system according to claim 10 wherein the
2 trader unit includes a purchasing processor for selecting a communications
3 network business to fulfill the consumer item order.

12. The purchasing system according to claim 11 wherein the trader unit includes an accountor linked with the purchasing processor for tracking each consumer item order executed by the purchasing processor.

13. The purchasing system according to claim 1 wherein the communications network comprises the Internet.

14. In a computer system, computer code product on computer readable media for buying consumer items from a communications network business through a communications network based on purchasing information gathered from a user environment in accordance with parameters provided by a user, the computer code product comprising:

(a) a first computer code product for obtaining purchasing information from the user environment in accordance with parameters provided by a user; and

(b) a second computer code product for generating a consumer item order by assessing the purchasing information.

15. The computer code product according to claim 14 wherein the first computer code product includes:

(a) computer code product for sensing a consumer item demand signal from the user environment; and

(b) computer code product for generating purchasing information provided by the consumer item demand signal.

16. The computer code product according to claim 15 wherein the second computer code product includes computer code product for assessing the purchasing information from the first computer code product and for generating a consumer item order.

1 17. The computer code product according to claim 16 further
2 comprising:

3 a third computer code product for buying a consumer item from the
4 communications network based on the consumer item order.

1 18. The computer code product according to claim 16 wherein the
2 third computer code product includes computer code product for selecting a
3 communications network business in accordance with the consumer item
4 order.

1 19. In an communications network environment, a method for
2 buying consumer items from a communications network business through a
3 communications network based on purchasing information gathered from a
4 user environment in accordance with parameters provided by a user,
5 comprising the steps of:
6 (a) linking a monitoring unit with the user environment;
7 (b) gathering purchasing information from the user environment
8 with the monitoring unit in accordance with parameters provided by the user;
9 (c) linking a purchasing unit with a monitoring unit;
10 (d) assessing the purchasing information with the purchasing unit;
11 and
12 (e) generating a consumer item order with the purchasing unit.

1 20. The method according to claim 19 further comprising the steps
2 of:

3 (a) linking a trader unit with the purchasing unit and with the
4 communications network; and

5 (b) buying a consumer item from the communications network
6 with the trader unit based on the consumer item order.